

# SOUTH PRODUCTION NOTES

August 12, 2014

Midnight Shift

BASF EMPLOYEES

44 Last Recordable

407 Last Lost Time

**Building 9, 16 and 31 are regulated. Get All Required Samples and Surface Areas**

Priorities 1 through 8 are basically all the same priority, should be considered urgent and will require call outs for maint. issues and/or processing issues.

- 1) Reduction Tower Screeners
- 2) Reduction Towers
- 3) #3 Line/#3RC
- 4) West Pfaudler/National Dryer/#4RC
- 5) #1 Line/#1 RC
- 6) #2 Line/#2RC
- 7) #5 RC
- 8) Horne Tableting
- 9) #6RC

## **#1 MED / AI-5645:**

**Continue to make batches.** Turned the cooling water to the barrel on the extruder – it was turned off – leave it on.

**Midnight shift:**

**Day shift:** Was down until belts replaced on Cleve vibrator (completed 8:40 am), restarted line. Willie suggested work order needed to replace unbalanced motor in near future...vibrating too much.

**Afternoon shift:** Electrical board on the extruder went down late in the shift.

## **#1 RC / AI-5645:**

**Continue to feed.** Still high NOx product, so be aware of and routinely monitor suction and Trimer status.

**Midnight shift:**

**Day shift:** Continue

**Afternoon shift:** Continued to feed.

**Exhaust to Trimer**

### **#2 MED line/ Cu-0860:**

**Restart when we get the auger back from maintenance. We can add an additional 10# of water beyond what the chart says per the engineer. When we re-start the line we will still need to continue to check every batch before dropping per J. Bodmann. DC #2 work (blow downs) completed.**

**Midnight shift:**

**Day Shift: Restarted line. ..and feed the dried material to the calciner.**

**Afternoon Shift: Ran until auger locked up...again. Maintenance is pressing it out late in the shift. We are instructed to run continuously when we restart. It is ok to add an additional 10# of water beyond what is on the chart.**

### **#2 RC/ Cu-0860:**

**Continue to feed and see Bodmann's e-mailed sample instructions.**

**Hold onto and do not feed bags roped off until advised.**

**Midnight Shift:**

**Day Shift: Restarting feed to calciner with today's batches (sampling plan once every 2 hours, once for each bag, once from the top of the screener per shift).**

**Afternoon shift: Did not feed. Waiting to get started back up before restarting the feed.**

**Exhaust to F1**

### **#3 MED / Cleaning for D-1794:**

**Continue to clean and follow the clean up instructions.**

**Midnight Shift:**

**Day shift: Grodecki to walk through MED and advise if about ready. Still need to pull and change out auger, inspect and replace pins as needed, and clean powder release on 3<sup>rd</sup> mezz deck above mixer.**

**Afternoon Shift: Auger and pins replaced. Some work performed on the dryer. When the syntron is replaced(may be done late in the shift), we can run the AL oxide sand through the dryer spiral and through the entire calciner system.**

### **#3 RC / Cleaning for D-1794:**

**All done.**

**Midnight shift:**

**Day shift: Syntron pulled and vacuumed. Grodecki to advise if flushing the calciner with water or Al oxide sand. Screener apart, need to find screens.**

**Afternoon Shift: Al oxide is the winner. Can be used on third shift and run through the dryer spiral and the entire calciner system. The screener still needs set up.**

**Exhaust to CTO-is in Automatic**

### **#5 RC / Cu-0539:**

**Continue to feed. Monitor vac-u-max at the feed and discharge end.**

**Midnight Shift:**

**Day shift:** Running but will need to watch due to discharge issues (see above)

**Afternoon shift:** Continued. Still fighting off and on.

**Exhaust to Trimer through DC**

**New Pfaudler / D-1145 SNAP next:**

Down until we get the chrome pump replaced. Informed by Seve N. we will not be getting a pump until early next week at best. There is only enough AL 5655 left for two more batches when we restart. Watch the level on the chromic acid tank. We should not have to shut down the pfaudler to make a tank. It can be made on the same shift that we run the pfaudler. Should make 2 Batches per Shift.

**Midnight shift:** On hold.

**Day shift:** Waiting on chrome pump

**Afternoon Shift:** Still waiting.

**National Dryer / Cr-1145 next:**

**Continue feeding** as material is available. **Target = 700 lbs. per hour.**

**Midnight Shift:** No activity.

**Day shift:** No activity

**Afternoon Shift:** No change.

**#4 RC / Cr 5655:**

**Continue to run** and watch that the bags being used do not cone up at the end.

**Midnight Shift:**

**Day shift:** Finishing last couple of bags

**Afternoon Shift:** Finishing the last bag until we get more made. There is no temperature change needed on this bag.

**Exhaust to 4A DC**

**#6 RC / D 5202**

**Continue to feed and make sure we get people scheduled to repack the buggies.** **Need to clean under the feed end of the dryer throughout the shift.**

**Watch dryer and calciner feed rate.**

**Midnight shift:**

**Day Shift:** Continue

**Afternoon shift:** Continued to feed. Repacking was also done. All carts are full.

**Exhaust to Sly Scrubber**



### **Old Pfaudler / Clean for D-1795 (CEHW was cancelled):**

**Continue with the clean up plans.**

**Midnight Shift:**

**Day Shift: No change. D-1795 not scheduled for several weeks.**

**Afternoon Shift: No change.**

### **Tower 3 / Cu-1986:**

**Continue On.**

**Midnight Shift:**

**Day shift: Lucas working on pulling regulator (no replacement so they will clean up and try using later this morning). Jeff from Lucas advised that replacement was ordered but may not be here for 1-2 weeks.**

**Afternoon shift: Start up at 11am..still running.**

### **Tower 6 / Cu-1986:**

**Continue on**

**Midnight Shift:**

**Day shift: Continue**

**Afternoon shift: Continued. Another 20 hours.**

### **North Screener / Cu 1986:**

**Will need reassembled on midnight shift. Currently using an adjustable clamp with a quick disconnect instead of the bungee cord to hold the liner around the discharge chute. So far is working very well. Need to determine which screener will be changed to Cu-1986. North Screener to likely finish first. Cu-1986 takes same alcohol.**



**Midnight shift:**

**Day shift: Continue./..should finish day shift or early afternoon, then switch to Cu 1986**

**Afternoon Shift: Broke down screener and washed. Reassemble on midnight.**

**South Screener / E-474:**

**Continue On. Need to determine which screener will be changed to Cu-1986. North Screener to likely finish first. Cu-1986 takes same alcohol.**

**Midnight shift:**

**Day shift: Continue..When done clean and switch to Cu 1986**

**Afternoon Shift: Nearing completion. Will also need to switch over to Cu 1986**

**#2662 (west) Pill Machine / Zr-0403 1/8:**

**Continue running.** Allen head cone disc was looked at by maintenance and is now operable...enough. A work notification was written to check the DC – 934337722.

**Midnight shift:**

**Day Shift: DC appears to be OK...running**

**Afternoon shift: Continued to run.**

**#2664 (east) Pill Machine / Zr-0403 1/8:**

**Continue running.** DC back together, pill machine in place. West machine was tested and looked / sounded good. Bag #6 was handpicked and was completed.

**Midnight shift:**

**Day Shift: Running**

**Afternoon shift: Continued to run.**

**TK #2 / V 2046 blends:**

**Continue with blends.**

**Midnight shift:**

**Day Shift: Continue, 4 bags left on floor**

**Afternoon shift: Continued. 3 bags on the floor.**

**PK Blender / Pill Mix:**

**On hold until we get more sterotex.**

**Midnight Shift: No activity.**

**Day shift: No change.**

**Afternoon shift: No change.**

**Abbe Blender:**

**HOLD. Waiting on next run.**

**Midnight shift: Hold.**

**Day shift:**

**Afternoon Shift:**

**Building 27 Belt Filter / Cu-5020 Trials next week:**

**On hold.**

**Midnight shift:**

**Day shift: 2 of 3 batches made today, issues with dryer so 3<sup>rd</sup> batch on hold until Tuesday. No activity on afternoon or night shift needed.**

**Afternoon Shift: No change.**

**Miscellaneous:**

- 1. Work notification has been written to repair the handles on the doors of all of the mixers. Most of the doors have broken eyelets. We cannot hook the chains and then can't hold the doors up while inspecting the mixes. (UPDATE: #2 mixer door handles repaired. Will schedule #1 and #3 when they become available).**
- 2. Work notification has been written to fix the horn on the alumina gel forklift and the smoking on the 474 forklift at the towers.**

**Sampling requirements when we restart on MED #2:**

**Mixer: MUST be checked before dropping - then get a sample of the wet mix and seal it up so it stays wet – all batches please.**

**Dryer: Every batch off the dryer must be sampled.**

**Calciner: Run empty before feeding this material, then using the same temp setpoints as before start calcining it. Get a SA on the material off the calciner about 20 minutes after it first exits the calciner. Adjust the temps to get SA in spec or call Bodmann for advice. SAMPLE off the calciner BEFORE spiral once per hour. Sample off the BAG if possible as well (or at least every bag change).**